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TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-WO-0036

TO: Dan Harkay, USEPA Region II

FROM: Peter Di Pasca, TAT PM
Alison Gimson, TAT QC

SUBJECT: Analytical Results of Soil Samples Collected During Test Pit Excavations

SITE: Ideal Cooperage, Jersey City, New Jersey

TDD #: 02-9010-0065-B

DATE: July 12, 1991

Attached are the summary tables of analytical results from the soil samples collected during the test pit excavations on May 22, 1991. Many of the values have been qualified by the laboratory as "estimated" (denoted with a "J"). However, other analytical results have been qualified by TAT:

1. All pesticides and PCB values have been qualified as estimated due to all relative percent difference (RPD) values from the pesticide MS/MSD recoveries being outside of the specified QC limits;
2. All values for antimony and silver have been qualified as estimated due to MS and MSD percent recoveries being slightly out of range. Since silver was not detected in any samples, a "J" does not appear for this analyte;
3. All values for arsenic and cobalt have been qualified as rejected due to percent recoveries being extremely out of range. The percent recovery for arsenic was 404 %, while the percent recovery for cobalt was 9.28 %.

If you have any questions, give me a call.

cc: TAT PM
TDD Files

Roy F. Weston, Inc.

MAJOR PROGRAMS DIVISION

In Association with Foster Wheeler Enviroresponse, Inc., Resource Applications, Inc., C.C. Johnson Malhotra, P.C., and R.E. Sarriera Associates

TEST PIT EXCAVATION - SOIL LOG
MAY 22, 1991
IDEAL COOPERAGE SITE
JERSEY CITY, HUDSON COUNTY, NEW JERSEY

SAMPLE #	TEST PIT #	DEPTH (FEET)	COLOR	DESCRIPTION	HNU READING	TIME
674-T1-1	1	0.0-0.5	BROWN	COARSE-TO-FINE SAND; TRACE SILT & GRAVEL	0	1010
674-T1-2	1	4.5-5.0	BLACK/ GREY	COARSE-TO-FINE SAND; TRACE SILT & CLAY	0	1005
674-T1-3	1	11.0-11.5	BLACK/ GREY	SILT & CLAY	0	1000
674-T2-1	2	0.0-0.5	BROWN	COARSE-TO-FINE SAND; TRACE SILT	0	1035
674-T2-2	2	4.5-5.0	BROWN	COARSE-TO-FINE SAND; TRACE SILT & GRAVEL	0	1030
674-T2-3*	2	11.0-11.5	BROWN	COARSE-TO-FINE SAND; TRACE SILT & GRAVEL	0	1025
674-T3-1	3	0.0-0.5	BROWN	COARSE-TO-FINE SAND; TRACE SILT, GRAVEL & VEGETATION	0	1050
674-T3-2	3	4.5-5.0	BROWN	FILL; COARSE-TO-FINE SAND; TRACE SILT & GRAVEL; TRASH	5	1100
674-T3-3	3	7.0-7.5	BROWN	FILL; COARSE-TO-FINE SAND; TRACE SILT & GRAVEL; TRASH; INCREASED ODOR & DISCOLORATION	10	1110
674-T4-1	4	0.0-0.5	BROWN	COARSE-TO-FINE SAND; TRACE GRAVEL; DEBRIS; RUST; BROKEN METAL	0	1230
674-T4-2	4	5.0-5.5	BROWN	COARSE-TO-FINE SAND; TRACE SILT & GRAVEL; DEBRIS	0	1235
N/A	4	7.5	BROWN	COARSE-TO-FINE SAND; TRACE SILT & GRAVEL; DEBRIS	0	1240

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SAMPLE #	TEST PIT #	DEPTH (FEET)	COLOR	DESCRIPTION	HNU READING	TIME
674-T5-1	5	0.0-0.5	BROWN	COARSE-TO-FINE SAND; GRAVEL; TRACE SILT; DEBRIS; BROKEN GLASS; ORGANIC MATTER	0	1250
674-T5-2	5	5.0-5.5	BROWN	COARSE-TO-FINE SAND; GRAVEL; TRACE SILT; CONCRETE CHIPS; WOOD; BROKEN GLASS	0	1300
N/A	5	9.0	BROWN	BRICKS; ROCKS; DEBRIS	0	1310
674-T6-1	6	0.0-0.5	BROWN	COARSE-TO-FINE SAND; SILT; TRACE GRAVEL; COBBLESTONES; BRICKS	0	1330
674-T6-2	6	5.5-6.0	BROWN	COARSE-TO-FINE SAND; SILT; TRACE GRAVEL; COBBLESTONES; BRICKS	0	1340

*: SAMPLE # 674-T2-3: NOT SUBMITTED FOR LABORATORY ANALYSIS